

EXAMINER'S AMENDMENT & REASONS FOR ALLOWANCE

I. EXAMINER'S AMENDMENT:

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the Issue Fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. James R. Riegel (Reg. No. 36,651) on 08/10/2010.

The application has been amended as follows:

In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

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1. (Currently amended) A system including at least one processor for publishing a message using a page builder tool, the page builder tool for creating and providing a web page having web page information for publication on a web browser and linking the web page to a searchable database such that search results from the searchable database are included in the web page information published in the web page, the system comprising:

a message caching agent for receiving the message, the message being provided by a user and being separate from the web page information;

a message cache coupled to the message caching agent for storing the message, the message cache receiving the message from the message caching agent, the message cache being a local cache for the page builder tool; [[and]]

a message publishing agent coupled to the message cache and the page builder tool, the message publishing agent for retrieving the message from the message cache and allowing the message to be published in the web page on a web browser using the page builder tool, wherein the message publishing agent allows the message to be published in the web page on the web browser by pushing the message to the web browser using the page builder tool such that the message is published in the web page using the page builder tool independently of the publishing of the web page information by the page builder tool; and

a message publishing macro definition coupled to the page builder tool, wherein the page builder tool provides the web page to the web browser and processes the message publishing macro definition provided for the web page, wherein the message

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publishing macro definition causes the message publishing agent to retrieve the message from the message cache and push the message to the web browser, wherein the message is published in the web page without the web browser having to refresh the web page,

wherein the message publishing macro definition includes an applet for retrieving the message from the message publishing agent and publishing the message when the message publishing macro definition is processed by the page builder tool.

2. (Cancelled)

3. (Original) The system of claim 1, wherein the message publishing agent is a servlet.

4. - 5. (Cancelled)

6. (Previously Presented) The system of claim 1, further comprising: a message publishing tool for allowing a user to create the message and provide the message to the message caching agent, the message not being in a web page format, and being one of a system status report and a notice to users of the searchable database, wherein the user providing the message is an administrator of the web page.

7. (Currently amended) A method for publishing a message using a page builder tool, the page builder tool for creating and providing a web page having web page

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information for publication on a web browser and linking the web page to a searchable database such that search results from the searchable database are included in the web page information published in the web page, the method comprising:

receiving a message ~~from a user~~ by a message caching agent, the message being provided by a user and being separate from the web page information;

storing the message in a message cache connected to the page builder tool using ~~[[a]]~~ the message caching agent, the message cache being a local cache for the page builder tool; and

utilizing a message publishing agent to retrieve the message from the message cache and publish the message in the web page on a web browser using the page builder tool, wherein the ~~publishing further includes~~ message publishing agent allows the message to be published in the web page on the web browser by pushing the message to the web browser using the page builder tool such that the message is published in the web page using the page builder tool independently of the publishing of the web page information by the page builder tool,

~~utilizing the message publishing agent to push the message to the web browser using the page builder tool such that the message is published in the web page using the page builder tool independently of the publishing of the web page information by the page builder tool~~

wherein the retrieving and publishing step further includes the steps of:
triggering the message publishing agent to retrieve and publish the message using a message publishing macro definition coupled to the page builder tool, wherein the page

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builder tool provides the web page to the web browser and processes the message publishing macro definition provided for the web page, wherein the message publishing macro definition causes the message publishing agent to retrieve the message from the message cache and push the message to the web browser, wherein the message is published in the web page without the web browser having to refresh the web page, and wherein the message publishing macro definition includes an applet that retrieves the message from the message publishing agent and publishes the message when the message publishing macro definition is processed by the page builder tool.

8. (Previously Presented) The method of claim 7, wherein the message from the message cache is broadcast in all web pages created by the page builder tool.

9. (Cancelled)

10. (Previously Presented) The method of claim 7, wherein the message publishing agent is a servlet.

11. -12. (Cancelled)

13. (Previously Presented) The method of claim 7, further comprising the step of:
allowing a user to create the message and provide the message to a message caching agent using a message publishing tool, the message not being in a web page

format, and being one of a system status report and a notice to users of the searchable database, wherein the user providing the message is an administrator of the web page.

14. (Currently amended) A non-transitory computer-readable storage medium containing a program for publishing a message using a page builder tool, the page builder tool for creating and providing a web page having web page information for publication on a web browser and linking the web page to a searchable database such that search results from the searchable database are included in the web page information published in the web page, the program including instructions for:

receiving a message ~~from a user~~ by a message caching agent, the message being provided by a user and being separate from the web page information;

storing the message in a message cache connected to the page builder tool using ~~[[a]]~~ the message caching agent, the message cache being a local cache for the page builder tool; and

utilizing a message publishing agent to retrieve the message from the message cache and publish the message in the web page on a web browser using the page builder tool, the ~~publishing further includes~~ message publishing agent allows the message to be published in the web page on the web browser by pushing the message to the web browser using the page builder tool such that the message is published in the web page using the page builder tool independently of the publishing of the web page information by the page builder tool,

~~utilizing the message publishing agent to push the message to the web browser using the page builder tool such that the message is published in the web page using the page builder tool independently of the publishing of the web page information by the page builder tool~~

wherein the retrieving and publishing instructions further include instructions for:
triggering the message publishing agent to retrieve and publish the message using a message publishing macro definition coupled to the page builder tool, wherein the page builder tool provides the web page to the web browser and processes the message publishing macro definition provided for the web page, wherein the message publishing macro definition causes the message publishing agent to retrieve the message from the message cache and push the message to the web browser, wherein the message is published in the web page without the web browser having to refresh the web page, and
wherein the message publishing macro definition includes an applet that retrieves the message from the message publishing agent and publishes the message when the message publishing macro definition is processed by the page builder tool.

15. (Currently amended) The non-transitory computer-readable storage medium of claim 14, wherein the message is one of a system status report and a notice to users of the searchable database.

16. (Cancelled)

17. (Currently amended) The non-transitory computer-readable storage medium of claim 14, wherein the message publishing agent is a servlet.

18. – 19. (Cancelled)

20. (Currently amended) The non-transitory computer-readable storage medium of claim 14, further comprising the step of:

allowing a user to create the message and provide the message to a message caching agent using a message publishing tool, the message not being in a web page format, wherein the user providing the message is an administrator of the web page.

21. (Currently amended) The system of claim 1, wherein the message publishing agent allows the message to be published on the web browser through the page builder tool in response to a request from the web browser.

22. (Previously Presented) The method of claim 7, wherein the retrieving and publishing step further includes the step of:

publishing the message on the web browser through the page builder tool in response to a request from the web browser.

23. (Currently amended) The non-transitory computer-readable storage medium of

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claim 14, wherein the retrieving and publishing instructions further includes instruction for:

publishing the message on the web browser through the page builder tool in response to a request from the web browser.

II. REASONS FOR ALLOWANCE:

Claims 1, 3, 6-8, 10, 13-15, 17, and 20-23 are allowed.

The following is an examiner's statement of reasons for allowance:

Interpreting the claims in light of the specification, Examiner finds the claimed invention is patentably distinct from the prior art of record.

The prior art does not expressly teach or render obvious the invention as recited in independent Claims 1, 7, and 14.

The features as recited in independent Claims 1, 7, and 14 “*retrieving the message from the message cache and publish the message in the web page on a web browser using the page builder tool, wherein the message publishing agent allows the message to be published in the web page on the web browser by pushing the message to the web*

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browser using the page builder tool such that the message is published in the web page using the page builder tool independently of the publishing of the web page information by the page builder tool, wherein the retrieving and publishing step further includes the steps of: triggering the message publishing agent to retrieve and publish the message using a message publishing macro definition coupled to the page builder tool, wherein the page builder tool provides the web page to the web browser and processes the message publishing macro definition provided for the web page, wherein the message publishing macro definition causes the message publishing agent to retrieve the message from the message cache and push the message to the web browser, wherein the message is published in the web page without the web browser having to refresh the web page, and wherein the message publishing macro definition includes an applet that retrieves the message from the message publishing agent and publishes the message when the message publishing macro definition is processed by the page builder tool”, when taken in the context of the Claims as a whole, were not uncovered in the prior art teachings.

The Examiner asserts that the claims overcome the prior art of record when the limitations are read in combination with the respective claimed limitations in their entirety.

Dependent claims are allowed as they depend upon allowable independent claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Contact information

- III. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Maikhanh Nguyen whose telephone number is (571) 272- 4093. The examiner can normally be reached on Monday - Friday from 9:00am – 30 pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Doug Hutton can be reached at (571) 272-4137.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business

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Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/MaiKhanh Nguyen/

Examiner, Art Unit 2176

/Laurie Ries/
Primary Examiner
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